

AMENDMENTS TO THE CLAIMS

1. (Original) A curing resin composition containing a siloxane oligomer (A) having an average molecular weight of 500 to 10000 in terms of ethylene glycol and a fluorine compound (B) having a fluoroalkyl structure and a polysiloxane structure and having a number average molecular weight of 5000 or more in terms of polystyrene.
2. (Original) The curing resin composition according to claim 1, wherein a fluorine atom content in the curing resin composition is 20 wt % or more.
3. (Currently Amended) The curing resin composition according to claim 1, further containing at least one crosslinking compound selected from the group consisting of melamine resin, acrylic resin, azide and isocyanate.
4. (Currently Amended) The curing resin composition according to claim 1, further containing an at least one acid generating agent selected from the group consisting of a p-toluenesulfonic acid, a benzoic acid and an azine-series component.
5. (Previously Presented) A cured film obtained by curing a curing resin composition according to claim 1.
6. (Original) The cured film according to claim 5, wherein a ratio (Si/F) of a peak intensity of a silicon atom (Si) to a peak intensity of a fluorine atom (F) on a surface of the cured film as measured with an X-ray photoelectron spectroscopic method is in the range of from 0.4 to 2.
7. (Previously Presented) An antireflection film comprising a hard coat layer formed on one surface of a transparent substrate directly or with another layer interposed there between and an antireflection layer laminated on a surface of the hard coat layer, wherein the antireflection layer is constituted of a cured film according to claim 5.
8. (Original) The antireflection film according to claim 7, wherein a surface of the hard coat layer has irregularity of protrusions and depressions combined and an antiglareness.

9. (Previously Presented) An optical element on one surface or both surfaces of which an antireflection film or antireflection films according to claim 7 are provided.

10. (Previously Presented) An image display to which an antireflection film according to claim 7 or the optical element according to claim 9 is mounted.

11. (Currently Amended) The curing resin composition according to claim 2, further containing an-at least one crosslinking compound selected from the group consisting of melamine resin, acrylic resin, azide and isocyanate.

12. (Currently Amended) The curing resin composition according to claim 2, further containing an-at least one acid generating agent selected from the group consisting of p-toluenesulfonic acid, benzoic acid and a triazine-based compound.

13. (Currently Amended) The curing resin composition according to claim 3, further containing an-at least one acid generating agent selected from the group consisting of p-toluenesulfonic acid, benzoic acid and a triazine-based compound.

14. (Currently Amended) The curing resin composition according to claim 11, further containing an-at least one acid generating agent selected from the group consisting of p-toluenesulfonic acid, benzoic acid and a triazine-based compound.

15. (Previously Presented) A curable resin composition comprising:

(A) a siloxane oligomer having an average molecular weight of 500 to 10000 in terms of ethylene glycol; and

(B) a fluorine compound having a fluoroalkyl structure and a polysiloxane structure and having a number average molecular weight of 5000 or more in terms of polystyrene, wherein a ratio of A/(A+B) by solid weight is 0.05-0.9,

said composition being curable by heat or active light irradiation by reacting the siloxane oligomer and the polysiloxane structure in the fluorine compound.

16. (Previously Presented) The curable resin composition according to claim 15, wherein the fluorine compound contains a hydroxyl group and/or an epoxy group which are reactive with the siloxane oligomer or the polysiloxane structure in the fluorine compound.

17. (Currently Amended) The curable resin composition according to claim 15, further comprising a crosslinking agent in an amount of 70 parts or less by weight with respect to the fluorine compound, wherein said crosslinking agent is selected from the group consisting of melamine resin, acrylic resin, azide and isocyanate.

18. (Previously Presented) A cured film using the curable resin composition of claim 15, having a cured structure of: (A) the siloxane oligomerglycol and (B) the fluorine compound, said siloxane oligomer and said polysiloxane structure in the fluorine compound being reacted.

19. (Previously Presented) The cured film according to claim 18, which has an additional cured structure wherein the fluorine compound contains a hydroxyl group and/or an epoxy group which have reacted the siloxane oligomer or the polysiloxane structure in the fluorine compound.